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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 03-337)

In the Application of: )  
)  
Pilauri, et al. ) Art Unit: 1632  
)  
Serial No.: 10/600,389 )  
) Examiner: TBD  
Filed: June 20, 2003 )  
)  
For: Methods for Protein Analyses and Protein )  
Expression in Multicellular Organisms )  
and Cells Therefrom )

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

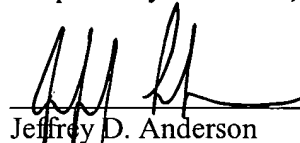
In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Information Disclosure Statement (IDS) (4 sheets);
  - b. Form PTO-1449 (4 sheets);
  - c. 68 Cited References; and
  - d. Return Receipt Postcard.
2. With respect to fees:
  - a. X No fee is required
3. Please charge any additional fees or credit overpayment to Deposit Account No. **13-2490**.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 21, 2004.

Respectfully submitted,

Date: June 21, 2004

By:



Jeffrey D. Anderson

Reg. No. 51,403

**McDonnell, Boehnen Hulbert & Berghoff LLP**  
300 South Wacker Drive  
Chicago, IL 60606



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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. Copies of the references cited below are enclosed. These references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

**Other Documents**

1. Alarcon and Heitman, 1997, *Mol. Cell Bio.*, 17: 5968-5975.

2. Biggar and Crabtree 2001, *Embo. J.* 20:3167-3176.
3. Blank et al. 1997, *Mol Cell Biol.* 17: 2566-75.
4. Boder, ET, et al., *Methods in Enzymology* 1999 328: 430-443.
5. Brand AH, et al., *Development.* 1993 Jun; 118(2): 401-15.
6. Braunstein et al., 1993, *Genes Dev.* 7: 592-604.
7. Brown R, et al., *Enzyme Microb Technol.* 2000 Jun 1; 26 (9-10): 801-807.
8. Buchert M, et al., *Biotechniques.* 1997 Sep; 23(3): 396-8, 400, 402.
9. Buckholz and Adams, 1981, *Molec. Gen. Genet.* 182: 77-81.
10. Cardenas et al., 1995, *Embo J* 14: 2772-2783.
11. Chen S, et al., *Protein Expr Purif.* 1999 Dec; 17(3): 414-20.
12. Cook JC, et al., *Protein Expr Purif.* 1999 Dec; 17(3): 477-84.
13. Cormack et al., 1996, *Gene* 173: 33-38.
14. Dundr, M., et al., 2000 *J Cell Biol* 150 p433-446.
15. Feng, Xin-Hua, et al., *Two-Hybrid Systems* 2001 177: 222-239.
16. Ferreira BS, et al., *Appl Microbiol Biotechnol.* 2003 Mar; 61(1): 69-76.
17. Freshney, 1987, *Culture of Animal Cells:* pages 89-104.
18. Frohman, *PCR Protocols: A Guide to Methods and Applications* 1990, pages 228-236.
19. Fujiki and Verner, 1993, *J. Biol. Chem.* 268: 1914-20.
20. Funfschilling et al., 1999, *Mol. Biol. Cell.* 10: 3289-99.
21. Gerik KJ, et al., *J Biol Chem.* 1997 Jan 10; 272(2): 1256-62.
22. Gillen et al., 1992, *J. Cell. Sci.* 111: 3235-44.
23. Griffith et al., 1995, *Cell* 82: 507-522.
24. Guldener et al., 1996, *Nucleic Acids Research* 24: 2519-2524.
25. Hansen MK, et al., *Receptors Channels.* 1999; 6(4): 271-81.
26. Hayden MS, et al., *Protein Expr Purif.* 1998 Mar; 12(2): 173-84.
27. Higuchi, *PCR Protocols: A Guide to Methods ad Application* 1990, pages 177-183.
28. Hinz W, et al., *FEBS Lett.* 1999 Apr 1; 448(1): 57-61.
29. Horikoshi M, et al., *Cell.* 1988 Aug 26; 54(5): 665-9.
30. Hrdlicka L, et al., *Genesis.* 2002 Sep-Oct; 34(1-2): 51-7).
31. Hwang WZ, et al., *J Agric Food Chem.* 2001-Oct; 49(10): 4662-6.
32. Innis, et al., *PCR Protocols: A Guide to Methods and Applications* – 1990 pages 3-27.

33. Jazwinski, *Methods in Enzymology* – 1990, 182:154-174.
34. Johnson et al., 1994, *Annu. Rev. Biochem.* 63: 869-914.
35. Johnston, M, 1987 *Microbiol. Rev.* 51:458-476).
36. Kino et al., 1987, *J Antibiot* (Tokyo) 40: 1249-1255.
37. Kokubo, et al., 1998, *Mol. Cell. Biol.* 189: 1003-1012.
38. Kuras et al. 1999, *Nature* 399: 609-613.
39. Lazo et al., 1977, *Eur. J. Biochem.* 77: 375-382.
40. Lee T, et al., *Trends Neurosci.* 2001 May; 24(5): 251-4.
41. Liu et al., 1991, *Cell* 66: 807-815.
42. Lohr et al., 1987, *J. Biol. Chem.* 262: 15589-15597.
43. Luo Y, et al., *Biotechniques.* 1997 Feb; 22(2): 350-2).
44. McBride et al., 1992, *J. Cell. Biol* 119: 1451-1457.
45. Mitchell, DA, et al., 1993 *Yeast* 9: 715-723.
46. Mylin LM, et al., *Methods Enzymol.* 1990; 185:297-308.
47. Nogi,Y. and Fukasawa, T., *Molecular and Cellular Biology* 1989 9:3009-3017.
48. Panuwatsuk W, et al., *Biotechnol Bioeng.* 2003 Mar 20; 81(6): 712-8.
49. Peng and Hopper, 2000, *Mol. Cell. Biol.* 20: 5140-5148.
50. Post-Beittenmiller et al., 1984, *Molec. Cell. Biol.* 4: 1238-1245.
51. Resh et al., 1999, *Biochem. Biophys. Acta.* 1451: 1-16.
52. Rojo-Niersbach E, et al., *Biochem J.* 2000 Jun 15; 348 Pt 3: 585-90.
53. Romanos, MA, et al., *Yeast* 8: 423-488.
54. Sadowski I, *Anal Biochem.* 1998 Feb 15; 256(2): 245-7.
55. Sadowski, I, *Genetic Engineering*, 1995 17:119-147.
56. Sambrook et al., 2001, *Molecular Cloning: A Laboratory Manual*, 3rd ed .
57. Schart, PCR Protocols: *A Guide to Method and Applications* 1990 – pages 84-91.
58. Scott K, et al., *Cell.* 2001 Mar 9; 104(5): 661-73.
59. Shioda T, et al., *Proc Natl Acad Sci U S A.* 2000 May 9; 97(10): 5220-4.
60. Sikorski and Hieter, 1989, *Genetics* 122: 19-27.
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62. Torchia et al., 1984, *Mol. Cell Biol.* 4: 1521-1527.
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65. Webster N, et al., *Cell*. 1988 Jan 29; 52(2): 169-78.
66. Yevenes A, et al., *Biochimie*. 2000 Feb; 82(2): 123-7.
67. Cull, *Method in Enzymology* 1990 – 182:147-153.
68. Bradley, *Method in Enzymology* 1990 – 182:112-119.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,

Date: June 21, 2004

By: \_\_\_\_\_

Jeffrey D. Anderson

Reg. No. 51,403

**McDonnell, Boehnen Hulbert & Berghoff LLP**

300 South Wacker Drive

Chicago, IL 60606

FORM PTO-1449  
(Rev. 2-32)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

Serial No.

03-337

10/600,389


**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

Applicant:

Pilauri, et al.

Filing Date:

June 20, 2003

Group:

1632

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

1.	Alarcon and Heitman, 1997, <i>Mol. Cell Bio.</i> , 17: 5968-5975.
2.	Biggar and Crabtree 2001, <i>Embo. J.</i> 20:3167-3176.
3.	Blank et al. 1997, <i>Mol Cell Biol.</i> 17: 2566-75.
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7.	Brown R, et al., <i>Enzyme Microb Technol.</i> 2000 Jun 1; 26 (9-10): 801-807.
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EXAMINER	
DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<b>FORM PTO-1449</b> (Rev. 2-32)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Atty. Docket No.</b>  03-337	<b>Serial No.</b>  10/600,389
	<b>Applicant:</b>  Pilauri, et al.			
	<b>Filing Date:</b>  June 20, 2003	<b>Group:</b>  1632		

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	12.	Cook JC, et al., <i>Protein Expr Purif.</i> 1999 Dec; 17(3): 477-84.
	13.	Cormack et al., 1996, <i>Gene</i> 173: 33-38.
	14.	Dundr, M., et al., 2000 <i>J Cell Biol</i> 150 p433-446
	15.	Feng, Xin-Hua, et al., <i>Two-Hybrid Systems</i> 2001 177: 222-239.
	16.	Ferreira BS, et al., <i>Appl Microbiol Biotechnol.</i> 2003 Mar; 61(1): 69-76.
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34.	Johnson et al., 1994, <i>Annu. Rev. Biochem.</i> 63: 869-914.
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